

AMENDMENTS TO THE CLAIMS

1-42. (Canceled)

43. (New) A computer-readable storage medium that does not comprise a carrier wave embodying a program of instruction executable by a computer for performing a method of enabling a presentation from a first computing device to many second computing devices using an application program comprising:

providing an application programming interface on the first computing device that registers the second computing device with the first computing device;

providing an application programming interface on the first computing device for unregistering the second computing device from the first computing device;

providing an application programming interface for the second computing device to request an invitation to view the presentation from the first computing device;

providing a callback method on the first computing device wherein the callback method communicates an acceptance to the second computing device that invitation to view the presentation from the first computing device has been accepted;

providing an application programming interface on the first computing device for advertising that a presentation is available for the second computing devices;

providing an application programming interface on the first computing device for disconnecting the first computing from providing the presentation to the second computing device;

providing an application program interface on the first computing device for inviting the second computing device to view the presentation; and

providing an application program interface on the first computing device for responding to a request from the second computing device for an invitation to view the presentation.

44. (New) The computer-readable storage medium of claim 43, further embodying a program of instruction executable by a computer, the program of instruction further comprising:

providing an application program interface on the first computing device for establishing communication between the first computing device and a projector;

providing an application program interface on the first computing device for disconnecting the first computing device from communicating with the projector;

providing an application program interface on the first computing device for obtaining capabilities of the projector;

providing an application program interface on the first computing device for obtaining state information of the projector;

providing an application program interface on the first computing device for obtaining display settings for the projector; and

providing an application program interface on the first computing device for setting display settings on the projector.

45. (New) The computer-readable storage medium of claim 44, further embodying a program of instruction executable by a computer, wherein providing an application programming interface on the first computing device that registers the second computing device with the first computing device further comprises:

receiving at the first computing device a friendly name from the second computing device;

receiving at the first computing device an invite from the second computing device wherein the invite comprises a callback function invoked when the first computing device invites a second computing device; and

responding from the first computing device with a handle to the second computing device wherein the handle is used if the second computing device attempts to disconnect from the first computing device at a point in the future.

46. (New) The computer-readable storage medium of claim 44, further embodying a program of instruction executable by a computer, wherein providing an application programming interface on the first computing device for un-registering the second computing device from the first computing device further comprises receiving at the first computing device a handle returned from the register function.

47. (New) The computer-readable storage medium of claim 45, further embodying a program of instruction executable by a computer, wherein providing an application programming interface for the second computing device to request an invitation to view the presentation from the first computing device further comprises:

receiving at the first computing device the UDN of the first computing device from the second computing device to ensure the first computing device is the device desired to be connected;

receiving at the first computing device a handle from the second computing device;
and

communicating an invitation comprising from the first computing device to the second computing device if the first computing device desires to allow the second computing device to view the presentation.

48. (New) The computer-readable storage medium of claim 47, further embodying a program of instruction executable by a computer, wherein providing a callback method on the first computing device wherein the callback method communicates an acceptance to the second computing device that invitation to view the presentation from the first computing device has been accepted further comprises:

receiving at the first computing device an invitation from the second computing device;

receiving at the first computing device a friendly presentation name for the second computing device;

receiving at the first computing device a friendly name for the presenter using the first computing device; and

communication a successful connection indication if the connection is successful.

49. (New) The computer-readable storage medium of claim 48, further embodying a program of instruction executable by a computer, wherein providing an application programming interface on the first computing device for advertising that a presentation is available for the second computing devices further comprises:

on the first computing device, registering with a UPnP service comprising

communicating a friendly name of the presentation, a friendly name of the presenter and a callback function from the second computing device to a UPnP service; and communicating a handle to the second computing device if a presentation session is successfully created.

50. (New) The computer-readable storage medium of claim 49, further embodying a program of instruction executable by a computer, wherein providing an application programming interface on the first computing device for disconnecting the first computing from providing the presentation to the second computing device further comprises receiving at the first computing device a request to stop the presentation including the name of the presentation to be stopped.

51. (New) The computer-readable storage medium of claim 48, further embodying a program of instruction executable by a computer, wherein providing an application program interface on the first computing device to enable the first computing device to respond to an invitation request from the second computing device comprising:
receiving at the first computing device the friendly name of the second computing device;
receiving at the first computing device the UDN of the second computing device;
communicating from the first computing device to the second computing device an invitation.

52. (New) The computer-readable storage medium of claim 51, further embodying a program of instruction executable by a computer, wherein providing an application program interface on the first computing device for inviting the second computing device to view the presentation further comprises:
receiving at the first computing device a handle for the presentation from the second computing device;
receiving at the first computing device the UDN of the second computing device;
receiving at the first computing device the invitation from the second computing device that was provided by the first computing device.

53. (New) The computer-readable storage medium of claim 52, further embodying a program of instruction executable by a computer, wherein providing an application program interface on the first computing device for inviting the second computing device to view the presentation further comprises receiving the presentation name and the presenter name.

54. (New) The computer-readable storage medium of claim 53, further embodying a program of instruction executable by a computer, wherein providing an application program interface on the first computing device for establishing communication between the first computing device and a projector further comprises:

receiving at the first computing device the handle for the presentation from the second computing device;

receiving at the first computing device the invitation to be provided to the projector;
and

communicating a session token.

55. (New) The computer-readable storage medium of claim 53, further embodying a program of instruction executable by a computer, wherein providing an application program interface on the first computing device for disconnecting the first computing device from communicating with the projector further comprises:

receiving at the first computing device the handle for the presentation to be disconnected;

receiving at the first computing device the UDN of the projector to be disconnected;
and

receiving at the first computing device the session token to be disconnected.

56. (New) The computer-readable storage medium of claim 54, further embodying a program of instruction executable by a computer, wherein providing an application program interface on the first computing device for obtaining capabilities of the projector further comprises:

receiving at the first computing device the UDN of the projector; and
receiving the capabilities of the projector.

57. (New) The computer-readable storage medium of claim 55, further embodying a program of instruction executable by a computer, wherein providing an application program interface on the first computing device for obtaining state information of the projector further comprises:

- receiving at the first computing device the UDN of the projector; and
- receiving the state information of the projector

58. (New) The computer-readable storage medium of claim 56, further embodying a program of instruction executable by a computer, wherein providing an application program interface on the first computing device for obtaining display settings for the projector further comprises:

- receiving at the first computing device the UDN of the projector; and
- receiving the session token for the projector; and
- receiving the display settings for the projector

59. (New) The computer-readable storage medium of claim 44, further embodying a program of instruction executable by a computer, wherein providing an application program interface on the first computing device for setting display settings on the projector further comprises:

- receiving at the first computing device the UDN of the projector;
- receiving the session token for the projector; and
- receiving the display settings for the projector.